

GenCore version 5.1.4 ps 4578
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 28, 2003, 12:09:01 ; Search time 5.01407 Seconds
(without alignments)
1463.971 Million cell updates/sec

Title: US-09-924-946-4

Perfect score: 694

Sequence: 1 PILASAKOHPVTEGAVEVK.....ARGKLRPACPGMHAVVSCV 125

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 237916 seqs, 58723674 residues

Total number of hits satisfying chosen parameters: 237916

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/prodata/1/pubaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/prodata/1/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/prodata/1/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/prodata/1/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/prodata/1/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/prodata/1/pubaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/prodata/1/pubaa/PCTUS_PUBCOMB.pep.*
- 8: /cgn2_6/prodata/1/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/prodata/1/pubaa/US09_NEW_PUB.pep.*
- 10: /cgn2_6/prodata/1/pubaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/prodata/1/pubaa/US10_NEW_PUB.pep.*
- 12: /cgn2_6/prodata/1/pubaa/US10_PUBCOMB.pep.*
- 13: /cgn2_6/prodata/1/pubaa/US60_NEW_PUB.pep.*
- 14: /cgn2_6/prodata/1/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Length	DB ID	Description
1	694	100.0	125	10	US-09-924-946-4
2	694	100.0	443	12	US-10-067-422-27
3	694	100.0	573	12	US-10-067-422-10
4	694	100.0	756	10	US-09-870-110-2
5	694	100.0	756	10	US-09-924-946-2
6	610	87.9	757	10	US-09-823-038A-52
7	294	42.4	50	12	US-10-067-422-19
8	286	41.2	769	10	US-09-835-996A-39
9	281	40.5	51	12	US-10-067-422-20
10	269.5	38.8	641	9	US-09-948-820-51
11	269.5	38.8	732	10	US-09-835-996A-13
12	269.5	38.8	753	10	US-09-782-980-11
13	269.5	38.8	753	10	US-09-835-996A-29
14	269.5	38.8	753	10	US-09-909-743-2
15	256.5	37.0	754	10	US-09-782-980-17
16	256.5	37.0	754	10	US-09-909-743-8
17	233	33.6	774	9	US-09-974-298-122
18	233	33.6	774	10	US-09-782-980-16
19	233	33.6	774	10	US-09-909-743-7

20 133.5 19.2 822 9 US-09-147-947-6 Sequence 6, Appli
21 133 19.2 1319 9 US-10-042-431-14 Sequence 14, Appl
22 133 19.2 1319 9 US-09-759-130B-384 Sequence 384, App
23 133 19.2 1413 9 US-10-042-431-13 Sequence 13, Appl
24 133 19.2 1413 9 US-09-759-130B-383 Sequence 383, App
25 133 19.2 1453 9 US-10-042-431-11 Sequence 11, Appl
26 133 19.2 1453 9 US-09-759-130B-381 Sequence 381, App
27 130.5 18.8 761 9 US-09-147-947-4 Sequence 4, Appli
28 127.5 18.4 451 10 US-09-782-980-19 Sequence 19, Appl
29 127.5 18.4 451 10 US-09-909-743-10 Sequence 10, Appl
30 125 18.0 1116 9 US-09-977-577-10 Sequence 10, Appl
31 125 18.0 1149 9 US-09-977-577-11 Sequence 11, Appl
32 125 18.0 1151 9 US-09-977-577-13 Sequence 13, Appl
33 125 18.0 1156 9 US-09-977-577-12 Sequence 12, Appl
34 123.5 17.8 458 10 US-09-782-980-126 Sequence 126, Appl
35 123.5 17.8 1436 9 US-10-042-431-78 Sequence 78, Appl
36 123.5 17.8 1436 9 US-09-759-130B-448 Sequence 448, App
37 123 17.7 127 9 US-09-866-050A-504 Sequence 504, App
38 119.5 17.2 347 9 US-09-905-291A-148 Sequence 148, App
39 119.5 17.2 347 9 US-09-902-853-148 Sequence 148, App
40 119.5 17.2 347 9 US-09-907-824-148 Sequence 148, App
41 119.5 17.2 347 9 US-09-907-841-148 Sequence 148, App
42 119.5 17.2 347 9 US-09-904-011-148 Sequence 148, App
43 119.5 17.2 347 9 US-09-906-742-148 Sequence 148, App
44 119.5 17.2 347 9 US-09-906-838-148 Sequence 148, App
45 119.5 17.2 347 9 US-09-907-613-148 Sequence 148, App

ALIGNMENTS

RESULT 1
US-09-924-946-4
; Sequence 4, Application US/09924946
; Patent No. US20020102645A1
; GENERAL INFORMATION:
; APPLICANT: American Home Products Corporation
; APPLICANT: Evans, Mark
; APPLICANT: Scicchitano, Marshall
; APPLICANT: Bapat, Ashok
; APPLICANT: Beer, Eric
; APPLICANT: Bhat, Ramesh
; APPLICANT: Ferris, Elissa
; APPLICANT: Mastroseni, Rob
; APPLICANT: Zhang, Jianxiang
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: A No. US20020102645A1el Member of the Lysyl Oxidase Gene Family
; FILE REFERENCE: 0630/IG703-US2
; CURRENT APPLICATION NUMBER: US/09/924,946
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/223,763
; PRIOR FILING DATE: 2000-08-08
; PRIOR APPLICATION NUMBER: 60/255,838
; PRIOR FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: fastseq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Human
US-09-924-946-4

Query Match 100.0%; Score 694; DB 10; Length 125;
Best Local Similarity 100.0%; Pred. No. 4.5e-71;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 PILASAKOHPVTEGAVEVKYEGHWFQVCDQGTNNNSRVVCGMLGFPSEVPVDSHYRKR 60
Db 1 PILASAKOHPVTEGAVEVKYEGHWFQVCDQGTNNNSRVVCGMLGFPSEVPVDSHYRKR 60
QY 61 VWDLMKMRDPKSLKSLTKNNSFWIHQVTCIGTSPHMANCOVAPARPKLRPACPGMHMA 120
Db 61 VWDLMKMRDPKSLKSLTKNNSFWIHQVTCIGTSPHMANCOVAPARPKLRPACPGMHMA 120

```
QY 121 VVSCV 125
Db 121 VVSCV 125

RESULT 2
US-10-067-422-27
; Sequence 27, Application US/10067422
; Patent No. US20020143170A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: Bone Morphogenic Protein (BMP) Polynucleotides, Polypeptides, and
; FILE REFERENCE: PT004P1
; CURRENT APPLICATION NUMBER: US/10/067,422
; CURRENT FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: 09/685,899
; PRIOR FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: PCT/US00/09028
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/152,933
; PRIOR FILING DATE: 1999-09-09
; PRIOR APPLICATION NUMBER: 60/147,020
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/131,672
; PRIOR FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: 60/130,693
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 443
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-067-422-27

Query Match 100.0%; Score 694; DB 12; Length 443;
Best Local Similarity 100.0%; Pred. No. 2.2e-70;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PILASAKQHSPVTEGAVEVKYEGHWRQVCDQGTWNNNSRVCGMLGFPSEVPVDSHYR 60
Db 32 PILASAKQHSPVTEGAVEVKYEGHWRQVCDQGTWNNNSRVCGMLGFPSEVPVDSHYR 91

QY 61 VMDLKMRLPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMHA 120
Db 92 VMDLKMRLPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMHA 151

QY 121 VVSCV 125
Db 152 VVSCV 156

RESULT 3
US-10-067-422-10
; Sequence 10, Application US/10067422
; Patent No. US20020143170A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: Bone Morphogenic Protein (BMP) Polynucleotides, Polypeptides, and
; FILE REFERENCE: PT004P1
; CURRENT APPLICATION NUMBER: US/10/067,422
; CURRENT FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: 09/685,899
; PRIOR FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: PCT/US00/09028
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/152,933
; PRIOR FILING DATE: 1999-09-09
; PRIOR APPLICATION NUMBER: 60/147,020
; PRIOR FILING DATE: 1999-08-03
```

```
; PRIOR APPLICATION NUMBER: 60/131,672
; PRIOR FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: 60/130,693
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 573
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-067-422-10

Query Match 100.0%; Score 694; DB 12; Length 573;
Best Local Similarity 100.0%; Pred. No. 3e-71;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PILASAKQHSPVTEGAVEVKYEGHWRQVCDQGTWNNNSRVCGMLGFPSEVPVDSHYR 60
Db 162 PILASAKQHSPVTEGAVEVKYEGHWRQVCDQGTWNNNSRVCGMLGFPSEVPVDSHYR 221

QY 61 VMDLKMRLPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMHA 120
Db 222 VMDLKMRLPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMHA 281

QY 121 VVSCV 125
Db 282 VVSCV 286

RESULT 4
US-09-870-110-2
; Sequence 2, Application US/09870110
; Patent No. US20020068322A1
; GENERAL INFORMATION:
; APPLICANT: Rachel Meyers
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: MNI-160
; CURRENT APPLICATION NUMBER: US/09/870,110
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: 60/207,650
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 756
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-870-110-2

Query Match 100.0%; Score 694; DB 10; Length 756;
Best Local Similarity 100.0%; Pred. No. 4.3e-70;
Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PILASAKQHSPVTEGAVEVKYEGHWRQVCDQGTWNNNSRVCGMLGFPSEVPVDSHYR 60
Db 163 PILASAKQHSPVTEGAVEVKYEGHWRQVCDQGTWNNNSRVCGMLGFPSEVPVDSHYR 222

QY 61 VMDLKMRLPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMHA 120
Db 223 VMDLKMRLPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMHA 282

QY 121 VVSCV 125
Db 283 VVSCV 287

RESULT 5
US-09-924-946-2
; Sequence 2, Application US/09924946
; Patent No. US20020102645A1
; GENERAL INFORMATION:
; APPLICANT: American Home Products Corporation
```

APPLICANT: Evans, Mark
APPLICANT: Scicchitano, Marshall
APPLICANT: Bapat, Ashok
APPLICANT: Beer, Eric
APPLICANT: Bhat, Ramesh
APPLICANT: Ferris, Elissa
APPLICANT: Mastroeni, Rob
APPLICANT: Zhang, Jianxiang
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: A No. US20020102645A1el Member of the Lysyl Oxidase Gene Family
FILE REFERENCE: 0630/1G703-US2
CURRENT APPLICATION NUMBER: US/09/924,946
CURRENT FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/223,763
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/255,838
PRIOR FILING DATE: 2000-12-15
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 756
TYPE: PRT
ORGANISM: Human
US-09-924-946-2

Query Match 100.0%; Score 694; DB 10; Length 756;
Best Local Similarity 100.0%; Pred. No. 4.3e-70; Indels 0; Gaps 0;
Matches 125; Conservative 0; Mismatches 0;

QY 1 PILASAKQSPVTEGAVEVKEGHWRCVCDQGTWNNRSRVVCGMLGFPSEVPVDSHYR 60
DB 163 PILASAKQSPVTEGAVEVKEGHWRCVCDQGTWNNRSRVVCGMLGFPSEVPVDSHYR 222
QY 61 VDLKMRDPKSRSLKNTKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMH 120
DB 223 VDLKMRDPKSRSLKNTKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMH 282
QY 121 VVSCV 125
DB 283 VVSCV 287

RESULT 6
US-09-823-038A-52
Sequence 52, Application US/09823038A
Patent No. US20020058335A1
GENERAL INFORMATION:
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Abernethy, Nevil
APPLICANT: Onrust, Rene
APPLICANT: Kumble, Anand
APPLICANT: Murison, Greg
TITLE OF INVENTION: Compositions Isolated From Stromal Cells
FILE REFERENCE: 11000.1037c3
CURRENT APPLICATION NUMBER: US/09/823,038A
CURRENT FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 52
LENGTH: 757
TYPE: PRT
ORGANISM: Mouse
US-09-823-038A-52

Query Match 87.9%; Score 610; DB 10; Length 757;
Best Local Similarity 85.6%; Pred. No. 1.3e-60; Indels 0; Gaps 0;
Matches 107; Conservative 9; Mismatches 9;

QY 1 PILASAKQSPVTEGAVEVKEGHWRCVCDQGTWNNRSRVVCGMLGFPSEVPVDSHYR 60
DB 164 PILASAKRHSPTVEGAVEVRYDGHWRVCDQGTWNNRSRVVCGMLGFPSTVNSHYR 223

QY 61 VDLKMRDPKSRSLKNTKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMH 120
DB 224 VDLKMRDPKSRSLKNTKNSFWIHQVTCGLTEPHMANCQVQVAPARGKLRPACPGMH 283
QY 121 VVSCV 125
DB 284 VVSCV 288

RESULT 7
US-10-067-422-19
Sequence 19, Application US/10067422
Patent No. US20020143170A1
GENERAL INFORMATION:
APPLICANT: Ni et al.
TITLE OF INVENTION: Bone Morphogenic Protein (BMP) Polynucleotides, Polypeptides, and
FILE REFERENCE: P7004P1
CURRENT APPLICATION NUMBER: US/10/067,422
CURRENT FILING DATE: 2002-02-07
PRIOR APPLICATION NUMBER: 09/685,899
PRIOR FILING DATE: 2000-10-11
PRIOR APPLICATION NUMBER: PCT/US00/09028
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/152,933
PRIOR FILING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: 60/147,020
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/131,672
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/130,693
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 50
TYPE: PRT
ORGANISM: Homo sapiens
US-10-067-422-19

Query Match 42.4%; Score 294; DB 12; Length 50;
Best Local Similarity 100.0%; Pred. No. 2.3e-26; Indels 0; Gaps 0;
Matches 50; Conservative 0; Mismatches 0;

QY 21 YEGHWRCVCDQGTWNNRSRVVCGMLGFPSEVPVDSHYR 70
DB 1 YEGHWRCVCDQGTWNNRSRVVCGMLGFPSEVPVDSHYR 50

RESULT 8
US-09-835-996A-39
Sequence 39, Application US/09835996A
Patent No. US20020142953A1
GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis
APPLICANT: Loeb, Debra
APPLICANT: Montgomery, Julie
APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhao, Qing
APPLICANT: Wehrman, Tom
APPLICANT: Drmanac, Radoje
APPLICANT: Ren, Feiyan
APPLICANT: Qian, Xiaohong
APPLICANT: Wang, Dunhui
TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM
FILE REFERENCE: 28110/35915A
CURRENT APPLICATION NUMBER: US/09/835,996A
CURRENT FILING DATE: 2001-04-16

PRIOR APPLICATION NUMBER: US 60/197,137
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: US 09/714,936
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 09/667,298
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 09/631,451
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: US 09/598,042
PRIOR FILING DATE: 2000-06-20
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.0
SEQ ID NO 39
LENGTH: 769
TYPE: PRT
ORGANISM: Homo sapiens
US-09-835-996A-39

Query Match 41.2%; Score 286; DB 10; Length 769;
Best Local Similarity 45.8%; Pred. No. 5.5e-24;
Matches 60; Conservative 21; Mismatches 42; Indels 8; Gaps 3;

QY 1 PILASAKQHSPTVEGAVEVKEGHVQVCDQGTNNNSRVVCGMLGFPSEVPVDSHYR 60
Db 173 PAVGWGRRLPVTGLVEVRLPDGNSQVCDKGSAHNSHVVCMLGFPSEKRVNAAFYRK 232
QY 61 V----WDLKMRDPK--SRLSKLTNNKSNFWHQVTCLTGTEPHMANCQVQVAPARGKLRPAC 114
Db 233 LRKRAAKVSARHPKPLGLRLAQHQHSGFLGHVACVGTGAHLSLCSLEFYRANDTAR--C 290
QY 115 PGGMHAVVSCV 125
Db 291 PGGGPAVVSCV 301

RESULT 9
US-10-067-422-20
Sequence 20, Application US/10067422
Patent No. US20020143170A1
GENERAL INFORMATION:
APPLICANT: Ni et al.
TITLE OF INVENTION: Bone Morphogenic Protein (BMP) Polynucleotides, Polypeptides, and Antibodies
FILE REFERENCE: PTO04PI
CURRENT APPLICATION NUMBER: US/10/067,422
CURRENT FILING DATE: 2002-02-07
PRIOR APPLICATION NUMBER: 09/685,899
PRIOR FILING DATE: 2000-10-11
PRIOR APPLICATION NUMBER: PCT/US00/09028
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/152,933
PRIOR FILING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: 60/147,020
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/131,672
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/130,693
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 51
TYPE: PRT
ORGANISM: Homo sapiens
US-10-067-422-20

Query Match 40.5%; Score 281; DB 12; Length 51;
Best Local Similarity 100.0%; Pred. No. 6.9e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 71 SRLKSLTNKSNFWHQVTCLTGTEPHMANCQVQVAPARGKLRPACPGGMH 121
Db 1 SRLKSLTNKSNFWHQVTCLTGTEPHMANCQVQVAPARGKLRPACPGGMH 51

RESULT 10
US-09-948-820-51
Sequence 51, Application US/09948820
Publication No. US20030050460A1
GENERAL INFORMATION:
APPLICANT: Ni et al.
TITLE OF INVENTION: 31 Human Secreted Proteins
FILE REFERENCE: P2034PI
CURRENT APPLICATION NUMBER: US/09/948,820
CURRENT FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: US/09/565,391
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: PCT/US99/26409
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 60/108,207
PRIOR FILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 115
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 51
LENGTH: 641
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (93)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (469)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (486)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-948-820-51

Query Match 38.8%; Score 269.5; DB 9; Length 641;
Best Local Similarity 44.0%; Pred. No. 3.2e-22;
Matches 55; Conservative 19; Mismatches 36; Indels 15; Gaps 2;
QY 1 PILASAKQHSPTVEGAVEVKEGHVQVCDQGTNNNSRVVCGMLGFPSEVPVDSHYR 60
Db 173 PAVGWGRRLPVTGLVEVRLPDGNSQVCDKGSAHNSHVVCMLGFPSEKRVNAAFY-- 230
QY 61 WDLKMRDPKSRLSKLTNNKSNFWHQVTCLTGTEPHMANCQVQVAPARGKLRPACPGMHA 120
Db 231 -----RLIAQRQHSFGLGHVACVGTGAHLSLCSLEFYRANDTAR--CPGGPA 277
QY 121 VVSCV 125
Db 278 VVSCV 282

RESULT 11
US-09-835-996A-13
Sequence 13, Application US/09835996A
Patent No. US20020142953A1
GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis
APPLICANT: Loeb, Debra
APPLICANT: Montgomery, Julie
APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhao, Qing
APPLICANT: Wehrman, Tom
APPLICANT: Ramanac, Radoje
APPLICANT: Ren, Feiyan
APPLICANT: Qian, Xiahong
APPLICANT: Wang, Dunrui
TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM

FILE REFERENCE: 28110/35915A
CURRENT APPLICATION NUMBER: US/09/835,996A
CURRENT FILING DATE: 2001-04-16
PRIOR APPLICATION NUMBER: US 60/197,137
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: US 09/714,936
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 09/667,298
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 09/631,451
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: US 09/598,042
PRIOR FILING DATE: 2000-06-20
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.0
SEQ ID NO 13
LENGTH: 732
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: {632}
OTHER INFORMATION: Xaa = unknown or other
NAME/KEY: misc.feature
LOCATION: {672}
OTHER INFORMATION: Xaa = unknown or other
NAME/KEY: misc.feature
LOCATION: {711}
OTHER INFORMATION: Xaa = unknown or other
US-09-835-996A-13

Query Match 38.8%; Score 269.5; DB 10; Length 732;
Best Local Similarity 44.0%; Pred. No. 3.8e-22;
Matches 55; Conservative 19; Mismatches 36; Indels 15; Gaps 2;
QY 1 PILASAKQHSPTGEGAVEVEYEGHWRQVCDQGTWNNRSRVVCGMLGFFSEVPVDSHYRK 60
Db 173 PAVGWRRLPVPTEGLVEVRLPDGWSQVCDKGSAHNSHVVCGMLGFFSEKRVNAAFY-- 230
QY 61 VMDLKMDDPKSLKSLTNKNSFWIHOVTCLGTEPHMANCOVQVAPARGKLRPACPGGMA 120
Db 231 -----RLLAQRQHSFGLHGVCVGTAEHLSCLSLEFYRANDTAR--CPGGGA 277
QY 121 VVSCV 125
Db 278 VVSCV 282

RESULT 12
US-09-782-980-11
Sequence 11, Application US/09782980
Patent No. US20020072089A1
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran M.
APPLICANT: MacBeth, Kyle J.
APPLICANT: Busfield, Samantha J.
APPLICANT: McCarthy, Sean A.
APPLICANT: Holtzman, Douglas A.
APPLICANT: Gu, Wei
APPLICANT: White, David
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIPE, TRASH, BDSF, LRSG, AND
TITLE OF INVENTION: STMTS PROTEIN AND NUCLEIC ACID MOLECULES AND USES
THEREFOR
FILE REFERENCE: MNI-121CP
CURRENT APPLICATION NUMBER: US/09/782,980
CURRENT FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: PCT/US00/02125
PRIOR FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: 09/448,076
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: 09/276,400
PRIOR FILING DATE: 1999-03-25

PRIOR APPLICATION NUMBER: 60/117,580
PRIOR FILING DATE: 1999-01-27
PRIOR APPLICATION NUMBER: 09/014,195
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/014,348
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/086,892
PRIOR FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 09/296,208
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 09/063,950
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 09/561,381
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 09/561,810
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 09/087,121
PRIOR FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 09/672,721
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: 09/049,799
PRIOR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 176
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 753
TYPE: PRT
ORGANISM: Homo sapiens
US-09-782-980-11

Query Match 38.8%; Score 259.5; DB 10; Length 753;
Best Local Similarity 44.0%; Pred. No. 4e-22;
Matches 55; Conservative 19; Mismatches 36; Indels 15; Gaps 2;
QY 1 PILASAKQHSPTGEGAVEVEYEGHWRQVCDQGTWNNRSRVVCGMLGFFSEVPVDSHYRK 60
Db 173 PAVGWRRLPVPTEGLVEVRLPDGWSQVCDKGSAHNSHVVCGMLGFFSEKRVNAAFY-- 230
QY 61 VMDLKMDDPKSLKSLTNKNSFWIHOVTCLGTEPHMANCOVQVAPARGKLRPACPGGMA 120
Db 231 -----RLLAQRQHSFGLHGVCVGTAEHLSCLSLEFYRANDTAR--CPGGGA 277
QY 121 VVSCV 125
Db 278 VVSCV 282

RESULT 13
US-09-835-996A-29
Sequence 29, Application US/09835996A
Patent No. US20020142953A1
GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis
APPLICANT: Loeb, Debra
APPLICANT: Montgomery, Julie
APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhao, Qing
APPLICANT: Wehrman, Tom
APPLICANT: Drmanac, Radoje
APPLICANT: Ren, Feiyan
APPLICANT: Qian, Xiaohong
APPLICANT: Wang, Dunrui
TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM
FILE REFERENCE: 28110/35915A
CURRENT APPLICATION NUMBER: US/09/835,996A
CURRENT FILING DATE: 2001-04-16
PRIOR APPLICATION NUMBER: US 60/197,137
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: US 09/714,936

PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 09/667,298
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 09/631,451
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: US 09/598,042
PRIOR FILING DATE: 2000-06-20
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.0
SEQ ID NO 29
LENGTH: 753
TYPE: PRT
ORGANISM: Homo sapiens
US-09-835-996A-29

Query Match 38.8%; Score 269.5; DB 10; Length 753;
Best Local Similarity 44.0%; Pred. No. 4e-22;
Matches 55; Conservative 19; Mismatches 36; Indels 15; Gaps 2;
QY 1 PILASAKQSPVTEGAVEVKEGHWPQVCDQGTMMNSRVVCGMLGFPSEVPVDSHYRK 60
Db 173 PAVGWRRLPLVTEGLVEVRLPDGWSQVCDKGSAINSHVVCGLGFPSEKRVNAFY-- 230
QY 61 VMDLKMDDPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVAPARGKLRPACPGGMA 120
Db 231 -----RLAORQOHSFGLHGVCVGTAEHLSLCSLEFYRANDTAR--CPGGGPA 277
QY 121 VVSCV 125
Db 278 VVSCV 282

RESULT 14
US-09-909-743-2
Sequence 2, Application US/0909743
Patent No. US20020151007A1
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran et al.
TITLE OF INVENTION: METHODS OF USE OF A NOVEL LYSYL OXIDASE-RELATED
FILE REFERENCE: MNI-073CP
CURRENT APPLICATION NUMBER: US/09/909,743
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/448,076
PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/276,400
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 753
TYPE: PRT
ORGANISM: Homo sapiens
US-09-909-743-2

Query Match 38.8%; Score 269.5; DB 10; Length 753;
Best Local Similarity 44.0%; Pred. No. 4e-22;
Matches 55; Conservative 19; Mismatches 36; Indels 15; Gaps 2;
QY 1 PILASAKQSPVTEGAVEVKEGHWPQVCDQGTMMNSRVVCGMLGFPSEVPVDSHYRK 60
Db 173 PAVGWRRLPLVTEGLVEVRLPDGWSQVCDKGSAINSHVVCGLGFPSEKRVNAFY-- 230
QY 61 VMDLKMDDPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVAPARGKLRPACPGGMA 120
Db 231 -----RLAORQOHSFGLHGVCVGTAEHLSLCSLEFYRANDTAR--CPGGGPA 277
QY 121 VVSCV 125
Db 278 VVSCV 282

RESULT 15

US-09-782-980-17
Sequence 17, Application US/09782980
Patent No. US20020072089A1
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran M.
APPLICANT: MacBeth, Kyle J.
APPLICANT: Bustfield, Samantha J.
APPLICANT: McCarthy, Sean A.
APPLICANT: Holtzman, Douglas A.
APPLICANT: Gu, Wei
APPLICANT: White, David
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, HDSF, LRSG, AND
TITLE OF INVENTION: STMTST PROTEIN AND NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: MNI-121CP
CURRENT APPLICATION NUMBER: US/09/782,980
CURRENT FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: PCT/US00/02125
PRIOR FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: 09/448,076
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: 09/276,400
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: 60/117,580
PRIOR FILING DATE: 1999-01-27
PRIOR APPLICATION NUMBER: 09/014,195
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/014,348
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/086,892
PRIOR FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 09/296,208
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 09/063,950
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 09/561,381
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 09/561,810
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 09/087,121
PRIOR FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 09/672,721
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: 09/049,799
PRIOR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 176
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 754
TYPE: PRT
ORGANISM: Mus musculus
US-09-782-980-17

Query Match 37.0%; Score 256.5; DB 10; Length 754;
Best Local Similarity 42.4%; Pred. No. 1.2e 20;
Matches 53; Conservative 18; Mismatches 39; Indels 15; Gaps 2;
QY 1 PILASAKQSPVTEGAVEVKEGHWPQVCDQGTMMNSRVVCGMLGFPSEVPVDSHYRK 60
Db 174 PAVGWRRLPLVTEGLVEVRLPDGWSQVCDKGSAINSHVVCGLGFPSEKRVNAFYRM 233
QY 61 VMDLKMDDPKSLKSLTNKNSFWIHQVTCGLTEPHMANCQVAPARGKLRPACPGGMA 120
Db 234 LAQKK-----OHSFGLHGVACVGTAEHLSLCSLEFYRANDTTR--CSGGNPA 278
QY 121 VVSCV 125
Db 279 VVSCV 283

Search completed: March 28, 2003, 12:30:18
Job time : 7.18074 secs

